

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

Jic. # 11

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla

1a. TYPE OF WORK

OIL ☐

GAS ☒

WELL ☐

DRY ☐

Other

1b. TYPE OF WELL

NEW ☒

WELL ☐

WORK ☐

OVER ☐

DEEPEN ☐

PLUG ☐

BACK ☐

DIFF ☐

RESVR ☐

Other

2. NAME OF OPERATOR

Elm Ridge Exploration Company, LLC

3. ADDRESS AND TELEPHONE NO.

PO Box 156, Bloomfield, NM 87413

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

1905' FSL X 870' FWL

At top prod. Interval reported below

At total depth

7. LEASE AGREEMENT NAME

8. FIELD NAME, WELL NO.

FARMINGTON NM
Jicarilla Apache B-21

9. API WELL NO.

30-039-27727

10. FIELD AND POOL OR WILDCAT

Ballard Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

Sec. 19-T24N-R5W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED

12-10-04

16. DATE T.D. REACHED

12-14-04

17. DATE COMPL. (Ready to prod.)

7-28-05

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

6495'

GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

2436'

MD

21. PLUG BACK T.D., MD & TVD

2390'

MD

TVD

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Pictured Cliffs (2064' - 2078')

25. WAS DIRECTIONAL

SURVEY MADE

NA

26. TYPE ELECTRIC AND OTHER LOGS RUN

Spectral Density, High Resolution Induction log.

27. WAS WELL CORED

NA

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	259'	12-1/4"	185 sks	
4 1/2"	10.5#	2430'	7 7/8"	515 235 sks to surface.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2036'	NA

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL

2064' - 2078'

SIZE

.38

NUMBER

56

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)

2064' - 2078'

AMOUNT AND KIND OF MATERIAL USED

2500 gal. 7 1/2 HCL MCA

49,663 gal. 75Q Delta 140 foam

824 sks of 16/30 Brady Sand

33.*

PRODUCTION

DATE FIRST PRODUCTION

7/28/05

PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST

7-28-05

HOURS TESTED

24

CHOKE SIZE

1/2"

PROD'N. FOR TEST PERIOD

0

OIL--BBL.

0

GAS--MCF.

500

WATER--BBL.

4

GAS-OIL RATIO

0

FLOW. TUBING PRESS.

60

CASING PRESSURE

CALCULATED 24-HOUR RATE

0

OIL--BBL.

0

GAS--MCF.

500

WATER--BBL.

4

OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

ACCEPTED FOR RECORD
Johnny Angel

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Production Assistant

FARMINGTON NM OFFICE

BY

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				San Jose	Surface	
				Ojo Alamo	1549'	
				Kirtland	1710'	
				Fruitland	1913'	
				Pictured Cliffs	2065'	
				Lewis	2139'	